

# Converting Colors

Hex(63C691)

Have a look what the booklet for  
Hex(63C691) contains.

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# **Color**

**Hex(63C691)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63C691
RGB	99, 198, 145
RGB Percent	39%, 78%, 57%
CMY	0.6118, 0.2235, 0.4314
CMYK	0.50, 0.00, 0.27, 0.22
HSL	148°, 46%, 58%
HSV	148°, 50%, 78%
XYZ	30.4505, 45.0851, 33.8855
YIQ	162.3570, -41.9910, -37.4710

# Conversions

## Conversions Part 2

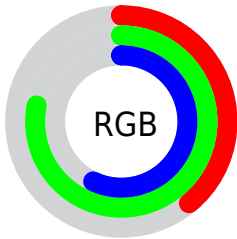
Format	Color
<a href="#">RYB</a>	<a href="#">99, 167, 198</a>
Decimal	<a href="#">6538897</a>
CIELab	<a href="#">72.95, -41.27, 17.82</a>
CIELCh	<a href="#">73, 44.953, 156.639</a>
Yxy	<a href="#">45.0851, 0.2783, 0.4120</a>
Android (android.graphics.Color)	<a href="#">4284728977 (0xFF63C691)</a>
YUV	<a href="#">162.3570, -8.5570, -55.5641</a>
Hunter-Lab	<a href="#">67.1455, -36.5547, 17.0807</a>

# Details

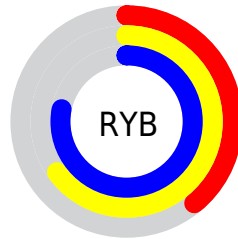
The Hex color **63C691** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C66398**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **9BFFC7**, and **278F5E** is the 20% darker color. If you saturate the color by 10%, you get **4FC686**, and if you desaturate by 10%, it is **77C69C**.

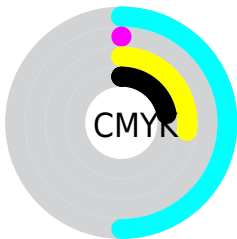
# Distribution



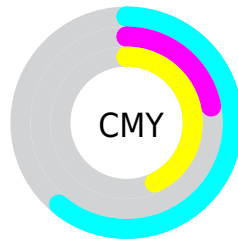
- Red (39%)
- Green (78%)
- Blue (57%)



- Red (39%)
- Yellow (65%)
- Blue (78%)



- Cyan (50%)
- Magenta (0%)
- Yellow (27%)
- Black (22%)



- Cyan (61%)
- Magenta (22%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63C691 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 63C691 by changing the saturation by 10% instead.



 63C691

 63C691

FFFFFF

 46AA77

 9BFFC7

 278F5E

 B8FFE3

 007546

 D5FFFF

 005C30

 F2FFFF

 00431A

 002D01

 001200

 000000

 63C691

 63C691

 4FC686

 77C69C

 3BC67C

 8BC6A6

 28C671

 9EC6B1

 14C667

 B2C6BB

 00C65C

 C6C6C6

 DAC6D1

 EEC6DB

 FFC6E6

 FFC6F0

# Harmonies

## Analogous

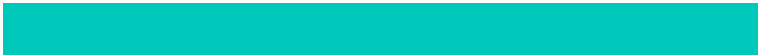
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98BF6F



63C691



00C9BB

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63C691



83B4FF



FE9884

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



63C691



C66398

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF92AB



63C691



C3A5F5

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63C691



1AC0FE



EE97D5



E7A568

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63C691



00C8D7



EE97D5



FF9590

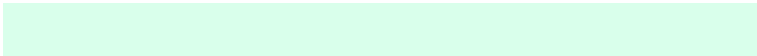


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



63C691



D9FFEB



99C663



698073



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63C691



66FFAD



63C6C1



5A635E



00A34C



002411



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C66398



FF66B8



C66368



635A5F



A30057



240013



# Previews

## White Background



This preview shows how the Hex color 63C691 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 63C691 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

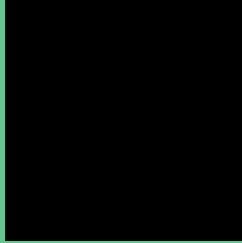
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 63C691 Background



This preview shows how black text looks on a background with the Hex color 63C691.

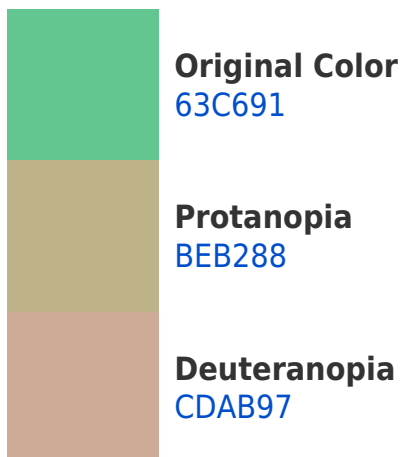


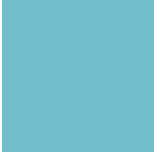
This preview shows how white text looks on a background with the Hex color 63C691.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

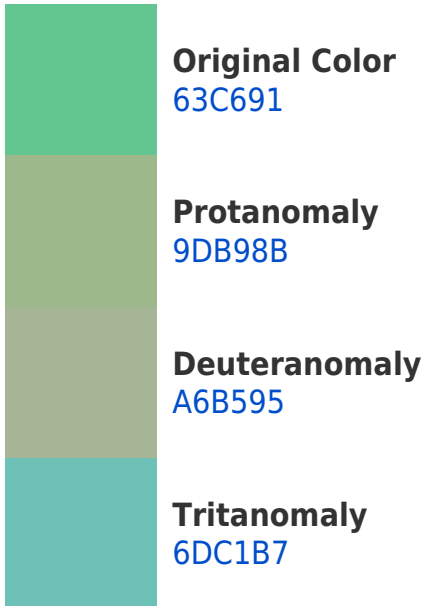
## Dichromacy



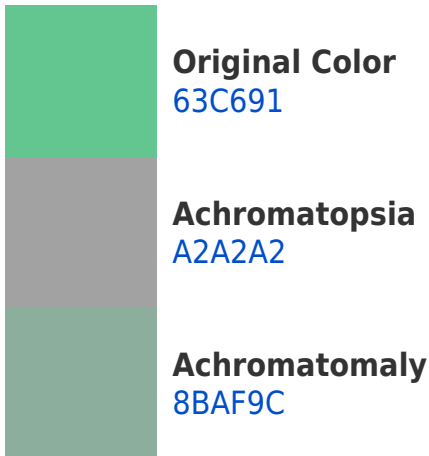


**Tritanopia**  
73BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63C691 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #63C691 looks like.

```
.text, #text, p{  
    color:#63C691  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #63C691 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63C691
}
```

## Border

The CSS property to change the border of an element to Hex 63C691 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63C691 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#63C691 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #63C691 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63C691; -webkit-box-shadow:4px 4px  
4px 4px #63C691; box-shadow:4px 4px 4px  
4px #63C691 }
```

# Background

The CSS property to change the background color of an element to Hex 63C691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63C691 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#63C691 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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